

**IBCH PAS RECRUITMENT PROCEDURE NO. 9/2025/SN
FOR THE POSITION OF A POSTDOCTORAL RESEARCH ASSISTANT**

INSTITUTION: Institute of Bioorganic Chemistry, Polish Academy of Sciences,
Department of Structural Biology of Eukaryotes
CITY: Poznań
POSITION: assistant professor (post-doc)
POSITIONS AVAILABLE: 1
SCIENTIFIC DISCIPLINE: chemistry/biology
PUBLICATION DATE: **June 9, 2025**
APPLICATION DEADLINE: **July 14, 2025**
WEBSITE: <https://portal.ibch.poznan.pl/homepage>

KEY WORDS: drug design, high-throughput screening, enzyme inhibitors, macromolecular structure

Principal Investigator: Dr Dorota Jakubczyk, a position in the Department of Structural Biology of Eukaryotes led by Dr hab. Miłosz Ruszkowski.

Research topic: Our research aims to develop biologically active molecules based on the results of high-throughput screening methods, structural studies, molecular modeling, as well as activity optimization and in vitro and in cellulo testing.

We focus on the identification and validation of new biological targets, the design and optimization of compounds with therapeutic potential, and understanding the mechanisms of their action at the molecular and cellular levels. In our studies, we employ modern biophysical approaches and integrate experimental and computational data to more effectively transition from molecule discovery to functional characterization.

We have access to advanced research infrastructure that enables in vitro, cellular, and in silico studies, allowing for a comprehensive approach to the design and evaluation of drug candidates.

You will work in a multidisciplinary team of chemists, biologists, biochemists, structural biologists, and other specialists, creating excellent conditions for developing innovative scientific solutions in the areas of molecular biology, drug chemistry, and translational medicine.

We offer a position as an Assistant Professor (postdoc), partially funded under the project: FENG.02.04-IP.04-0010/24-00 titled **“POL-OPENSREEN – Polish Infrastructure Platform for Chemical Biology Screening.”** The Institute of Bioorganic Chemistry of the Polish Academy of Sciences (IBCH PAS) is one of the leading research institutions in Poland, conducting scientific activities in the fields of chemistry, molecular biology, and biomedicine. The Institute provides access to state-of-the-art research equipment.

I. Requirements for the candidates:

1. PhD degree in chemistry or a related discipline.
2. Experience in experimental methods of molecular biology.
3. A well-documented research track record in the form of scientific publications.
4. Ability to make responsible decisions independently and adapt to teamwork.
5. Proficiency in English sufficient for effective communication and preparation of publications.
6. Experience with human cell lines, computational chemistry, and the use of artificial intelligence algorithms in drug discovery will be considered an asset but is not a prerequisite.

II. Job Responsibilities:

1. Studying interactions between proteins, DNA, and RNA.

2. Designing and optimizing experimental protocols.
3. Molecular modeling and experimental validation.
4. Conducting in cellulo experiments.
5. Preparing publication manuscripts.
- 6.

III. Required documents:

1. Cover letter of application to the Director of IBCH PAS featuring contact details to at least two referees.
2. Copy of the doctoral diploma.
3. CV featuring information on the candidate's scientific track record, including:
 - the list of papers published in journals listed in the Web of Science (WoS) database, stating the IF in accordance with WoS, number of citations and the H-index.
 - list of patents;
 - information on the previously managed projects or participation in project implementation;
 - information on the accomplished research internships;
 - information on the awarded prizes and distinctions.

IV. Applications must be submitted via the eRecruiter portal

<https://system.erecruiter.pl/FormTemplates/RecruitmentForm.aspx?WebID=3eeb2b74a8e3461bb5129b9fe2b17536>

V. The submission deadline is July 14, 2025.

VI. Selection of candidates:

Following preliminary verification, on the basis of the application documents, selected candidates will be invited to an interview, as a result of which a candidate recommended for employment shall be appointed. The main criteria, taken into consideration during the selection of the candidates, will be: (i) research output (research papers published), (ii) compliance of the previous experience with the tasks planned within the framework of the project (in the following order: organic synthesis, enzyme inhibition assays, working with cell lines or computational chemistry), (iii) experience gained during a long-term, foreign internship.

VII. The recruitment procedure shall be concluded no later than on August 26, 2024.

VIII. Start and duration of the position.

Employment is available from the November, 2025.

The position is available for a period of 24 months. The estimated gross salary is ca. **9 525 PLN/month**.

IX. Employment shall take place in compliance with the provisions of the Labor Code of Poland.

For more details, please contact:

dr hab. Miłosz Ruszkowski, e-mail: mruszkowski@ibch.poznan.pl

Information clause:

Pursuant to the stipulations of the regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation), further referred to as GDPR, we hereby inform that:

- *The Institute of Bioorganic Chemistry, Polish Academy of Sciences, seated in Noskowskiego St. 12/14, 61-704 Poznan; REGON 000849327, NIP 777-00-02-062 is the administrator of the collected personal data (further referred to as the Institute).*
- *The Administrator appointed a Data Protection Officer, who can be contacted in writing, via traditional mail, by sending a letter to the following address: Z. Noskowskiego St. 12/14, 61-704 Poznan, or by sending an e-mail to: dpo@ibch.poznan.pl.*
- *The personal data of the candidates is processed for the purposes of fulfilling the tasks of the administrator, associated with conducting the recruitment procedure for a vacant position.*
- *The legal basis for processing personal data is the Act of 26 June 1974 – The Labor Code, Act of 30 April 2010 on the Polish Academy of Sciences or the consent of the person whose data shall be subjected to processing.*
- *Your personal data shall be subjected to processing for period of 3 months upon the date of decision of the recruitment committee. Following this period, the data will be irretrievably and effectively destroyed.*
- *The personal data of the candidates shall not be transferred to any third country.*
- *The person whose data shall be subjected to processing has the right to:*
 - *request access to his/her personal data, and to amend it or delete it, pursuant to articles 15-17 of GDPR;*
 - *limit data processing, in the events stipulated in article 18 of GDPR;*
 - *data transferring, pursuant to article 20 of GDPR;*
 - *withdraw consent at any moment, without influencing compliance with the law of the processing that was executed prior to consent withdrawal;*
 - *file a complaint to the Inspector General for Personal Data Protection.*

Providing personal data in the scope stipulated in article 22 (1) of the Act of 26 June 1974 – The Labor Code is mandatory, whereas providing data in a broader scope is voluntary and requires consent for its processing.

Protection for whistleblowers

In the case of reporting violations using a dedicated system for whistleblowers, the reporting person's data will be processed in accordance with applicable provisions on the protection of personal data, including the above-mentioned Regulation (EU 2016/679 of 27 April 2016). We ensure confidentiality and protection of the identity of reporting persons, and that their data will not be disclosed without their consent, unless the law provides otherwise.

Detailed rules regarding the protection of personal data and procedures for reporting violations of the law can be found in our Regulations on internal reporting at the Institute of Bioorganic Chemistry, Polish Academy of Sciences, available at the link: <https://portal.ichb.pl/wp-content/uploads/2024/10/INTERNALREPORTINGREGULATIONS.pdf>